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Db 282 MIPQRKAPTRPKRVYVTSKSGSIPSAKGGPNVGVTT-----SPSVHHQNTQ 325
QY 353 NYLRNWLWLLGHHTETPLASTKMLERPNLPRK-HRE-----NVIPADSKKS-FE 401
Db 326 H-----GKQSPSTQSP-----PKSLPRLHDEBEPPTAPLGSVSSVAKRESPT 370
QY 402 EVINLVQDTSNAPPTVSRDVEERPAHAPARPAVDSMLKDMATILSTFLLIGWAFI 461
Db 371 RLNLNLSSETS-----LMQK--QLPAKPYAPPS-----VGPYA-- 401
QY 462 ITTPPLSMHQOQLOLHQOFOKELEKIOLLOOQOOLPRHP--PGDTAOD-----GELTDT 513
Db 402 --PPLRL-----OPRYAPGRPAQPGPHAPDTPGPGNAKQO 437
QY 514 SGPYSESSGTSPTS-----PRASNHSICSSGSSASKGSSPS-- 551
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QY 552 ---LEDDGDEETSVYIVGKISFCPKD---VLGHAEGTIVYRGMDNRDVAVKRILPE 604
Db 498 FQRIEKAQGSAGSVYLAQRLKIPYDENGSGVQHLENDI-----GDKVAIKQMI-- 548
QY 605 CEFSPADR-----EVOLLRSDDEHPNVIR-----YFTEKROFOYIAIE-LCANTLQEV 653
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QY 654 EOKDFAHGLGEPIT-----LLOOTSGLAHLISLNVHRLDKPHNLISMPNAGKIRA 707
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Db 660 -IDFEFCALTLTKR--SKRATMGVTPYWMABEVVQREYDEK-----VDWMSLC-IM 708
QY 765 YVYVSGSHPEFGSLQROANILLGACSLDCLHPEKHEDVIAREL--IEKIMADPQKR 821
Db 709 TIMLGEPEPYLNEBPLKALYLITNGTPKL--KHPELLEIKRPLSVCLVDVAYRA 765
QY 822 SANDVLKHPF 832
Db 766 STEELHHSFF 776

RESULT 2
US-08-462-481-2
; Sequence 2, Application US/08462481
; Patent No. 5840577
; GENERAL INFORMATION:
; APPLICANT: Silverman, Robert H.
; APPLICANT: Hassel, Bret A.
; APPLICANT: Zhou, Almin
; TITLE OF INVENTION: Animal 2-5a- Dependent RNases and
; TITLE OF INVENTION: Encoding Sequence Therefor
; Patent No. 5840577
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
; ADDRESSEE: Russell
; STREET: 200 East Broward Boulevard
; CITY: Fort Lauderdale
; STATE: Florida
; COUNTRY: USA
; ZIP: 33301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/462,481
; FILING DATE:
; CLASSIFICATION: 435

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/028,086
; FILING DATE: 08-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Manso, Peter J
; REGISTRATION NUMBER: 32,264
; REFERENCE/DOCKET NUMBER: CL11363-13
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 305/527/2498
; TELEFAX: 305/764/4996
; INFORMATION FOR SEQ. ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 741 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-462-481-2

Query Match 5.7%; Score 294; Db 2; Length 741;
Best Local Similarity 24.0%; Pred. No. 8,4e-17;
Matches 132; Conservative 86; Mismatches 200; Indels 132; Gaps 25;

QY 480 QKELEKIQ-LLQOQOOLPRHPPGDTAQC-----ELDTSGPYSESSG 522
Db 249 KKHGLVQRLLEQBHEI-----NDTDSDEKTLALLAVELKRLKRIALLCKRGASTDCG- 302
QY 523 TSSPTSPRASNSLCSG--SSASKGSSPSLBDODGDEETS-----VVIYG 567
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QY 568 KISFC--PKDVLGHAEGTIVYRGMDNRDVAVKRILPECFSPADREVOLLRSDHPNV 625
Db 360 KIKFIDEKKYKIDTSEBGI-YLGFEYKEGVAVKTPC-EGSPRAQREVSCLOQSSRNSHL 417
QY 626 IRRFCTEKDQFOYIAELCAATLQEV-----QKDNHGLGEPITLLOOTSG 675
Db 418 VTFYGSSESHRGLFVCVTLCEQTLACLDVHRGEDVENEDEFAR-----NVLSIFKA 471
QY 676 LAHLH-SLNVHRLDKPHNLISMPNAGKIRKAMISDFGLCKKLAAGRHSFSRSGVPT 734
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QY 848 R--IEKESLDGPVQKOLERGRAVVKM--DMRENITDPLQTLDRKFRYKG-----GSVRD 899
Db 602 ESDIKTRKSESELRLQLQRPSEHSKSPDKWTIKINECVAKKNNKRYEKRGNFYQTVGD 661
QY 900 LLRAMRNKHHYRELAPEVRETLGLPDDFVCFYTSRPHLANHYRAMELCSHERLEP 959
Db 662 LKIFIRNLGEHIDE--EKHKMKLIGDPSLYFQFTGFPDLVLYVYTKLQNTERYKHP- 717
QY 960 YFHERPEPQ 969
Db 718 -QTHSPKRPQ 726

RESULT 3
US-08-436-771-2
; Sequence 2, Application US/08436771
; Patent No. 5861300
; GENERAL INFORMATION:
; APPLICANT: Silverman, Robert H.
; APPLICANT: Sengupta, Dibyendu N.
; TITLE OF INVENTION: Antiviral Transgenic Plants, Vectors,
; TITLE OF INVENTION: Cells and Methods

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